# INDEX TO VOLUME XVI.


Aldrich, J. M., article by, 304.
Alexander, C. P., article by, 57.
Anasa, 172.
Aphids, Factors Affecting Proportion of alate and apterous forms, 279.
Bactrodes, 247.
Bactrodinæ, American, notes on, 247.
Bagriella, 253.
Belonuchus formosus, 233.
Bellura, Observations on, 374.
Bicyrtes Quadrifasciata, habits of, 238.
Braconids Parasites on Aphids, Their Life History, 1.
Camponotus, Eugharid Parasite of, 195.
Campylenchia latipes, 98, 99, 100.
Carolina Locust, anatomy of, 256.
Carynota mera, 110.
Carynota stupida, 110.
Catorhintha, 168.
  apicalis, 169, 170.
  borienquensis, 170.
  flava, 171.
  guttula, 169.
  mendica, 169, 170.
  selector, 169, 171.
  texana, 169, 171.
Ceresa basalis, 101.
Ceresa brevis, 101.
Ceresa constans, 109.
Ceresa femorata, 106.
Chelinidea, 166.
Chelinidea tabulata, 167.
  vittiger, 167.
Cimolus, 172.
Clastoptera obtusa, notes on life history of, 153.
Clausen, C. P., article by, 195.
Coreini, North American, Review of, 165.
Crane-Flies, Japanese, 57.
Cyrtolobus tuberosus, 109.
DeLong, D. M., article by, 363.
Dicranomyia, 57.
  kotoshoensis, 57.
  shirakii, 58.
  subumbrata, 59.
Distribution of Leafhoppers of Presque Isle and their Relation to Plant Formation, 363.
Elephantomyia, 63.
  major, 63.
Enchenopa binotata, 100.
Entomological Society of America, Proceedings of Boston Meeting, 1923, 85.
Entylia bactriana, 104, 105.
Entylia carinata, 111.
Entylia concisa, 102, 104.
Epiphragma, 64.
  divisa, 64.
Eriocera, 67.
  geminata, 67.
  fulvibasis, 67.
Ewing, H. E., article by, 387.
Ficana apicalis, 168.
  flava, 169, 171.
Fracker, S. B., article by, 165.
Funkhouser, W. D., article by, 97.
Garman, Philip, article by, 153.
Gonomyia, 62.
  scutellum-album, 62.
Holosiro, 388.
  acaroides, 388.
Holosiro acaroides, n. g. and sp., 388.
Hemerobiids and Allied Species, 129.
Hemerobius humuli, 139.
Hemerobius stigmaterus, 141.
Hypselonotus, 173.
Insect Morphology Landmarks, 77.
Japanese Crane-Flies, 57.
Landmarks in Insect Morphology, 77.
Leafhoppers, distribution of, 363.
Lepyronia quadrangularis, notes on life history of, 153.
Limnophila, 65.
  macrotrichiata, 65.
  taiwanensis, 66.
Limonia, 60.
  nigronitida, 60.
Locust, Carolina, anatomy of, 256.
Lomamyia flavicornis, 139.
Lophopompilus aethiops, 188.
Lophopompilus atrox, 187.
Lophopompilus bengtssoni, 186.
Lophopompilus cleora, 189.
Lophopompilus, Special Reference to American Species of, 177.
MacGillivray, Alex. D., article by, 77.
Madura, 166.
  perfida, 166.
Malloch, J. R., article by, 247.
Margus, 167.
  inconspicuous, 167.
  obscurator, 167.
Matheson, Robert, article by, 50.
McAtee, W. L., article by, 247.
Membracidæ from United States and Canada, 97.
Micromus posticus, 144.

# INDEX TO VOLUME XVI.


Aldrich, J. M., article by, 304.
Alexander, C. P., article by, 57.
Anasa, 172.
Aphids, Factors Affecting Proportion of alate and apterous forms, 279.
Bactrodes, 247.
Bactrodinæ, American, notes on, 247.
Bagriella, 253.
Belonuchus formosus, 233.
Bellura, Observations on, 374.
Bicyrtes Quadrifasciata, habits of, 238.
Braconids Parasites on Aphids, Their Life History, 1.
Camponotus, Eugharid Parasite of, 195.
Campylenchia latipes, 98, 99, 100.
Carolina Locust, anatomy of, 256.
Carynota mera, 110.
Carynota stupida, 110.
Catorhintha, 168.
  apicalis, 169, 170.
  borienquensis, 170.
  flava, 171.
  guttula, 169.
  mendica, 169, 170.
  selector, 169, 171.
  texana, 169, 171.
Ceresa basalis, 101.
Ceresa brevis, 101.
Ceresa constans, 109.
Ceresa femorata, 106.
Chelinidea, 166.
Chelinidea tabulata, 167.
  vittiger, 167.
Cimolus, 172.
Clastoptera obtusa, notes on life history of, 153.
Clausen, C. P., article by, 195.
Coreini, North American, Review of, 165.
Crane-Flies, Japanese, 57.
Cyrtolobus tuberosus, 109.
DeLong, D. M., article by, 363.
Dicranomyia, 57.
  kotoshoensis, 57.
  shirakii, 58.
  subumbrata, 59.
Distribution of Leafhoppers of Presque Isle and their Relation to Plant Formation, 363.
Elephantomyia, 63.
  major, 63.
Enchenopa binotata, 100.
Entomological Society of America, Proceedings of Boston Meeting, 1923, 85.
Entylia bactriana, 104, 105.
Entylia carinata, 111.
Entylia concisa, 102, 104.
Epiphragma, 64.
  divisa, 64.
Eriocera, 67.
  geminata, 67.
  fulvibasis, 67.
Ewing, H. E., article by, 387.
Ficana apicalis, 168.
  flava, 169, 171.
Fracker, S. B., article by, 165.
Funkhouser, W. D., article by, 97.
Garman, Philip, article by, 153.
Gonomyia, 62.
  scutellum-album, 62.
Holosiro, 388.
  acaroides, 388.
Holosiro acaroides, n. g. and sp., 388.
Hemerobiids and Allied Species, 129.
Hemerobius humuli, 139.
Hemerobius stigmaterus, 141.
Hypselonotus, 173.
Insect Morphology Landmarks, 77.
Japanese Crane-Flies, 57.
Landmarks in Insect Morphology, 77.
Leafhoppers, distribution of, 363.
Lepyronia quadrangularis, notes on life history of, 153.
Limnophila, 65.
  macrotrichiata, 65.
  taiwanensis, 66.
Limonia, 60.
  nigronitida, 60.
Locust, Carolina, anatomy of, 256.
Lomamyia flavicornis, 139.
Lophopompilus aethiops, 188.
Lophopompilus atrox, 187.
Lophopompilus bengtssoni, 186.
Lophopompilus cleora, 189.
Lophopompilus, Special Reference to American Species of, 177.
MacGillivray, Alex. D., article by, 77.
Madura, 166.
  perfida, 166.
Malloch, J. R., article by, 247.
Margus, 167.
  inconspicuous, 167.
  obscurator, 167.
Matheson, Robert, article by, 50.
McAtee, W. L., article by, 247.
Membracidæ from United States and Canada, 97.
Micromus posticus, 144.

Miller, Ellen Robertson, article by, 374.
Morphology, Insect, 77.
Namacus, 167.
  annulicornis, 167.
Nesopeza, 70.
  taiwania, 70.
Oncerotrachelus, 249.
Oncerotrachelus acuminatus, 250.
Oncerotrachelus conformis, 249.
Oncerotrachelus coxatus, 249.
Oncerotrachelus pallidus, 250.
Osborn, H., and Lathrop, F. H., article by, 310.
Parasitic Control, Sequence theory of, 115.
Paryphes, 173.
Pelastoneurus of North America, 30.
Pelastoneurus, 30.
  aldrichi, 36.
  arboreus, 34.
  aurifacies, 35.
  barbicauda, 43.
  caeruleus, 37.
  costalis, 38.
  cyaneus, 30.
  dissimilipes, 30.
  dorsalis, 42.
  heteroneurus, 31.
  insulanus, 39.
  nigrifacies, 32.
  nigricornis, 39.
  ramosus, 33.
  tibialis, 41.
Philonthus brunneus, 230.
Philonthus cyanipennis, 233.
Philonthus longicornis, 232.
Philornis, Bird Investing Group of Anthomyidæ, 304.
Philornis, 304.
  angustifrons, 308.
  obscura, 308
  pici, 308.
Phlepsius, The Genus in North America, 310.
  altus, 325.
  annulatus, 342.
  apertus, 329.
  apertinus, 329.
  areolatus, 344.
  arizonus, 316.
  attractus, 318.
  bifidus, 337.
  brunneus, 328.
  carolinus, 330.
  cinereus, 323.
  cinerosus, 347.
  collinus, 324.
  collitus, 321.
  cottoni, 323.
  costomaculatus, 318.
  cumulatus, 340.
  decorus, 344.
  delicatus, 347.
  denticulus, 345.
  denudatus, 318.
  distinctus, 341.
  eburneolus, 331.
  elongatus, 348.
  eugeneus, 338.
  excultus, 339.
  extremus, 338.
  fastuosus, 332.
  floridanus, 317.
  franconianus, 332.
  fulviceps, 333.
  fulvidorsum, 330.
  fuscipennis, 320.
  graniticus, 317.
  graphicus, 342.
  handlirschi, 348.
  hebraeus, 348.
  hemicolor, 315.
  hosanus, 343.
  incisus, 325.
  incurvatus, 346.
  irroratus, 325.
  josea, 336.
  lascivius, 324.
  latifrons, 319.
  lippulus, 333.
  lobatus, 326.
  loculatus, 318.
  maculosus, 319.
  majestus, 349.
  marmor, 315.
  maculellus, 326.
  mexicanus, 341.
  micronotatus, 321.
  nebulosus, 335.
  neomexicanus, 346.
  nigrifrons, 322.
  notatipes, 343.
  nudus, 336.
  occidentalis, 336.
  ovatus, 341.
  pallidus, 323.
  palustris, 315.
  particolor, 330.
  planus, 334.
  pusillus, 319.
  pulchripennis, 316.
  punctiscriptus, 334.
  ramosus, 337.
  rileyi, 328.
  rufusculus, 340.
  sabinus, 345.
  slossoni, 332.
  solidaginis, 335.
  spatulatus, 344.
    var. personatus, 345.
  stellaris, 319.
  strobi, 334.

superbus, 339.
tenessa, 327.
tenuifrons, 337.
texanus, 329.
tigrinus, 320.
tinctorius, 316.
torridus, 328.
truncatus, 326.
tubus, 325.
tullahomi, 331.
turpiculus, 320.
uhleri, 333.
umbrosus, 340.
utahnus, 316.
vanduzei, 322.
Platycotis vittata, 102, 110.
Psammocharinæ, Study of, 177.
Pselliophora, 71.
vulcan, 71.
Pseudococcus Citri Risso, wax secreting glands of, 50.
Publilia concava, 105.
Regan, W. S., article by, 177.
Rhaphidolabis, 68.
consors, 68.
Rhipidia, 61.
rostrifera formosana, 61.
Saica, 250.
Saica apicalis, 251.
Saica erubescens, 251.
Saica fuscovittata, 251.
Saica recurvata antillarum, 251.
Saica recurvata recurvata, 251.
Saica rubripes, 251.
Saica tibialis, 251.
Saicinæ, American, notes on, 247.
Schizaspidia Tenuicornis Ashm., biology of, 195.
Scolopocerus, 168.
granulosus, 168.
secundarius, 168.
uhleri, 168.
Sequence Theory of Parasitic Control, a criticism of, 115.
Smith, M. R., article by, 238.
Smith, Roger C., article by, 129.
Stictocephala festina, 108.
Stictocephala lutea, 108.
Stictocephala substriata, 107.
Sympherobius amiculus, 143.
Tachinus flavipennis, 235.
Tagalis, 252.
Tagalis inornata cubensis, 253.
Tagalis inornata inornata, 253.
Tagalis seminigra, 252.
Telamona collina, 109.
Telamona conica, 106.
Telamona diffusa, 111.
Teucholabis, 63.
aberrans, 63.
Thompson, W. R., article by, 115.
Tietz, Harrison M., article by, 256.
Tipula, 72.
curvicauda, 72.
edwardsella, 74.
microcellula, 73.
Tipulodina, 74.
brunettiella, 75.
nipponica, 74.
taiwanica, 75.
Tipulidæ, Diptera, 57.
Tricyphona, 69.
grandior, 69.
Van Duzee, M. C., article by, 30.
Vanduzea arquata, 102.
Wadley, F. M., article by, 279.
Walker's Species of Membracidæ from United States and Canada, 97.
Wax secreting glands, 50.
Wheeler, Esther W., article by, 1.
Xantholobus tumidus, 108.
Zicca, 173.

---

**DATES OF ISSUE, VOLUME XVI.**

**March No., 1923, mailed May 25, 1923.**
**June No., 1923, mailed July 28, 1923.**
**September No., 1923, mailed October 19, 1923.**
**December No., 1923, mailed December 31, 1923.**